

TRENDING OF CONDUCTION TIME FOR OPTIMIZATION
OF CARDIAC RESYNCHRONIZATION THERAPY IN
CARDIAC RHYTHM MANAGEMENT SYSTEM

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ABSTRACT OF THE DISCLOSURE

A method of optimizing cardiac resynchronization therapy delay over a patient's full range of activity for use in operating an implantable cardiac pacing device and such a device are disclosed. The method includes measuring selected conduction time between selected sites in the heart for a plurality of beats and logging the values on a periodic repeating programmable basis to produce cumulative data and constructing a current template of conduction time in relation to one or more other sensed parameters of interest over a desired range of patient activity levels. The current template is used to derive suggested optimum pacing timing.